

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	LAMOINE Permit # 1813
Street or Road	DOUGLAS HIGHWAY	Date Permit Issued	8/25/16 Fee \$250 Double Fee Charged ()
Subdivision, Lot #		Local Plumbing Inspector Signature	L.P.I. # 1090
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	HOLT, CHARLES	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	
Mailing Address of	C/O JOHN HOLT LAMOINE BEACH ROAD LAMOINE, ME. 04605	\$15.00 DEP SURCHARGE <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Daytime Tel. #	NICK - 210-415-1251 JOHN - 207-667-8733	Municipal Tax Map # 3 Lot # 36	
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit. Signature of Owner or Applicant: John S Holt As Charles N Date: 8/22/2016		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application. Local Plumbing Inspector Signature: (1st Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENT(S) <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
SIZE OF PROPERTY _____ sq. ft. 11 ± acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: (SPECIFY) FUTURE GUEST COTTAGE Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY TO BE <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input checked="" type="checkbox"/> 3. Other: LIFT STATION CAPACITY 1000 gallons	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device 40 TYPE B43 GSF UNITS <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 1920 sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW 360 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities 3 BEDROOM HOUSE: 270 GPD GUEST COTTAGE, 1 BEDROOM, NO KITCHEN: 90 GPD 360 GPD <input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA
SOIL DATA & DESIGN CLASS PROFILE 91 D CONDITION at Observation Hole # 2 Depth 12" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input checked="" type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input checked="" type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	LATITUDE AND LONGITUDE at Center of Disposal Area Lat. 44° d 29' m 29.9" N Lon. 68° d 20' m 55.5" W If g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT

I certify that on 6-3-16 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature WILLIAM A. LaBELLE, JR.	319 SE# (207) 537-5900	6-7-16 Date labelleptic@rivah.net
Site Evaluator Name Printed	Telephone Number	E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Owner or Applicant Name
CHARLES HOLT

Scale 1" = 60 Ft.

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #2 ☒ Test Pit ☐ Boring

1 1/2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SILTY CLAY	FRIABLE	DARK YELLOWISH BROWN (10YR 3/4)	N.E.
LOAM TO CLAY	COMPACTED	GRAYISH BROWN (2.5Y 5/2)	COMMON DISTINCT

DEPTH BELOW MINERAL SOIL SURFACE (inches)

50

40

30

20

10

Soil Profile: 9
Classification: D
Slope: 4 1/2 %
Limiting Factor: 12"
Ground Water: ☒
Restrictive Layer: ☐
Bedrock: ☐
Pit Depth: ☐

Date _____

Town, City, Plantation
LAMOINE

Street, Road, Subdivision
DOUGLAS HIGHWAY

Owner or Applicant Name
CHARLES HOLT

ERP, TOP OF 4' GRADE
STAKE. TOP IS
30" ABOVE
GROUND.

SITE PLAN:

SCALE: 1" = 60 FT.

MAGNETIC
NORTH

GRADE STAKE,
FOR TIE

PROPOSED
40 TYPE B43 (250'
GSF UNITS

NOTE:
PROPOSED
1000 GAL.
SEPTIC TANK
WITH LIFT
STATION

NOTE:
APPROX.
BUILDING
SEWER

PROPOSED
HOUSE
SITE

APPROX.
BUILDING
SEWER

FUTURE
COTTAGE

NOTE: FUTURE 3' PUMP
TANK, (COTTAGE TO
HAVE 1 BEDROOM,
AND BATH, NO KITCHEN).

APPROX. HIGH
WATER
Skillings
River

Site Evaluator's Signature

S.E. #

Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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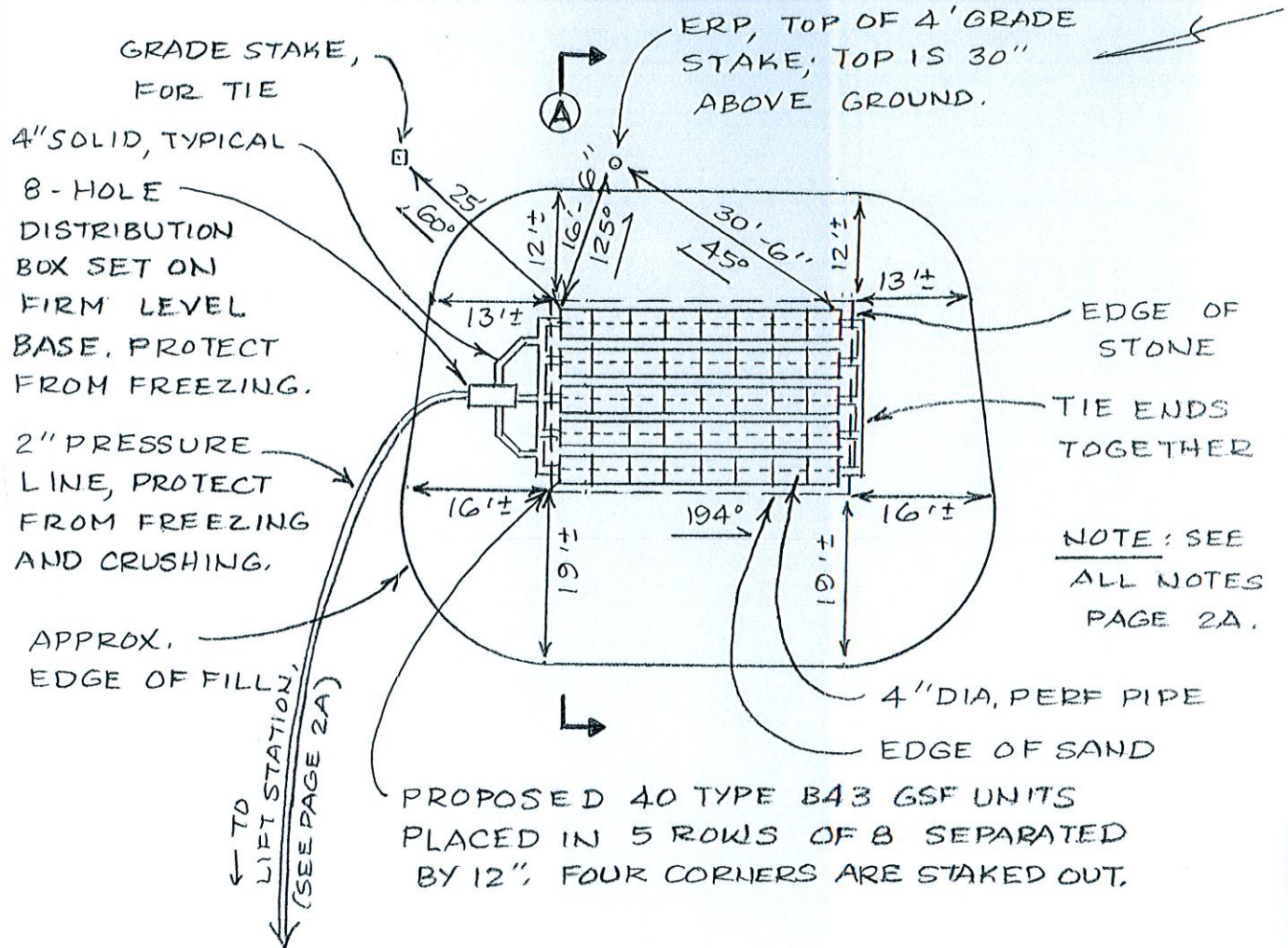
Town, City, Plantation
LAMOINE

Street, Road, Subdivision
DOUGLAS HIGHWAY

Owner or Applicant Name
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SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20' FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	30"	Finished Grade Elevation	MIN. -11"			Location & Description	30"
Depth of Backfill (Downslope)	40"	Top of Distribution Pipe or Proprietary Device	-19"		N/A	ABOVE GROUND	TOP OF
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field (GSF UNIT)	-30"			4' GRADE STAKE,	
						Reference Elevation Is:	0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPs" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade). Install risers to finish grade of appropriate size to allow pump removal on all in-tank pump chambers and separate pump tanks.
6. Protect lift stations and pump tanks from freezing.
7. Full basement below grade foundation, frost wall or columns must be 20' minimum from edge of disposal field and slab on grade must be 15' minimum from edge of disposal field.

[Signature]
Site Evaluator's Signature

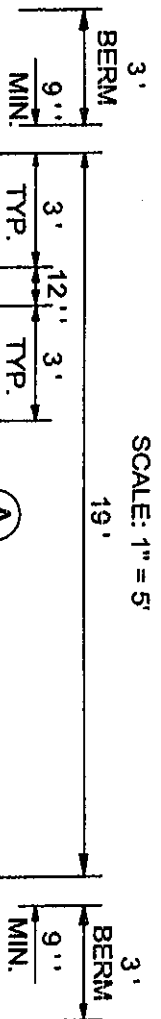
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S.E. #

6-7-16
Date

NOTE: GRADE UPSLOPE
AND DOWNSLOPE TO
DIVERGENT SURFACE
WATER AWAY
FROM SYSTEM.

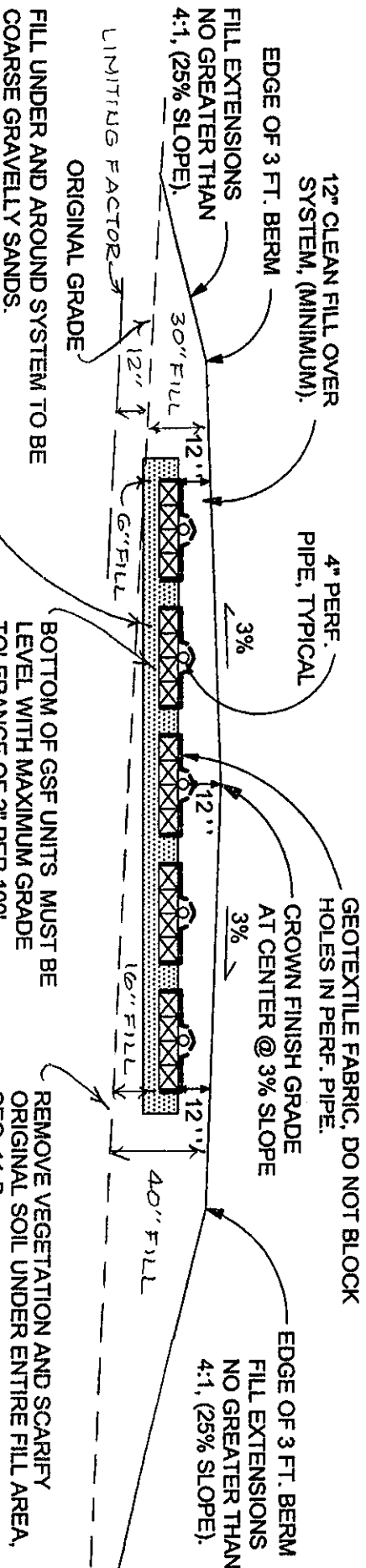
GSF UNITS CROSS SECTION

SCALE: 1" = 5'



TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER; SEED
AND MULCH TO PREVENT EROSION,
SEC. 11-G.

FILL MATERIAL SHALL BE 8"-12" THICK
OVER GSF UNITS AND SHALL BE GRAVELLY
COARSE SAND TO THE STANDARDS IN
SEC. 11-E IN THE SUBSURFACE RULES.



6" OF MEDIUM TO COARSE SAND.

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN COARSE SHARP SAND INTO
TOP 4 INCHES OF ORIGINAL SOIL.
CREATE A TRANSITION ZONE, SEC. 11-B.

NOTE:
SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRATOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

ELEVATIONS:
ELEV. REF. PT. (ERP):
FINISHED GRADE:
TOP OF PIPE:
TOP OF GSF UNITS:
BOTTOM OF GSF UNITS:
BOTTOM OF SAND:

0"
-11" MIN.
-19"
-23"
-30"
-36"

OWNER: CHARLES HOLT
LOCATION: LAMONE

WILLIAM A. LABELLE, JR.

S.E.#

DATE

W.A. Labelle, Jr.

319

6-7-16